

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Application No. 10/805,117

Group Art Unit: 3672

RECEIVED  
CENTRAL FAX CENTERApplicant(s): Oleg Abramov *et al.*

Examiner: Zakiya Nicole Walker

JAN 28 2005

Filing Date: March 19, 2004

Docket No. 58012-011400

Title: Method of Intensification of High-Viscosity Oil Production and Apparatus for Its Implementation

Customer No. 33717

## Certificate of Transmission

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January 28, 2005

Date

Miyabi Grace

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## TRANSMITTAL OF POWER OF ATTORNEY

Dear Sir or Madam:

Enclosed please find the following executed documents.

- Power of Attorney;
- Statement of Under 37 CFR 3.73(b); and
- Copy of Notice of Recordation of Assignment Document and assignment documents for Reel/Frame 014904/0842, 014996/0392, and 015016/0782.

No fee is believed due. However, if the Applicant is mistaken, the Commissioner is hereby authorized to charge any required fee in connection with the submission of this paper, any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 50-2638.

Respectfully submitted,

GREENBERG TRAURIG, LLP

By

Claude Nassif, Ph.D.

Reg. No. 52,061

Tel.: (310) 586-7828

Date January 28, 2005

Greenberg Traurig, LLP  
2450 Colorado Avenue, Suite 400  
Santa Monica, California 90404  
Telephone: 310-586-7700  
Facsimile: 310-586-7800

LA-FS1320495v0158012.011400

PTO/SB/82 (09-03)

Approved for use through 11/30/2005. OMB 0651-0035

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**REVOCATION OF POWER OF  
ATTORNEY WITH  
NEW POWER OF ATTORNEY  
AND  
CHANGE OF CORRESPONDENCE ADDRESS**

|                        |                |
|------------------------|----------------|
| Application Number     | 10/805,117     |
| Filing Date            | March 19, 2004 |
| First Named Inventor   | Oleg Abramov   |
| Art Unit               | 3672           |
| Examiner Name          | to be assigned |
| Attorney Docket Number | 58012-011400   |

**RECEIVED  
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JAN 28 2005**

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint the practitioners associated with the Customer Number:

33717

☒ Please change the correspondence address for the above-identified application to:

☒ The address associated with  
Customer Number:

33717

OR

☐ Firm or  
Individual Name

Address

Address

City

State

Zip

Country

Telephone

Fax

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

Name Jean Louis Demussy

Signature *Jean Louis Demussy*

Date

November 4th, 2004

Telephone

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Oleg Abramov; Vladimir Abramov; Andrey Pechkov; Alfredo Zolezzi-Garretón; Luis Paredes-RojasApplication No./Patent No.: 10/805,117 Filed/Issue Date: March 19, 2004Entitled: METHOD FOR INTENSIFICATION OF HIGH-VISCOSITY OIL PRODUCTION AND APPARATUS FOR ITS IMPLEMENTATIONEscanaba Holdings, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest; or2. ☐ an assignee of less than the entire right, title and interest.The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:

A. [ ] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. [ ] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

Oleg Abramov; Vladimir Abramov; Andrey Pechkov;

1. From: Alfredo Zolezzi-Garretón; Luis Paredes-Rojas To: Alfredo Zolezzi-Garretón; Luis Paredes-RojasThe document was recorded in the United States Patent and Trademark Office at  
Reel 014904, Frame 0842, or for which a copy thereof is attached.2. From: Alfredo Zolezzi-Garretón; Luis Paredes-R To: Saarland CorporationThe document was recorded in the United States Patent and Trademark Office at  
Reel 014996, Frame 0392, or for which a copy thereof is attached.3. From: Saarland Corporation To: Escanaba Holdings, Inc.The document was recorded in the United States Patent and Trademark Office at  
Reel 015016, Frame 0782, or for which a copy thereof is attached.

[ ] Additional documents in the chain of title are listed on a supplemental sheet.

[✓] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

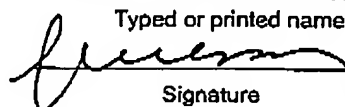
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

November 4<sup>th</sup>, 2004

Date

Jean Louis Demussy

Typed or printed name



Signature

Legal Representative, Director

Title

Telephone number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231



\*500003257A\*

JULY 28, 2004

PTAS

GREENBERG TRAURIG, LLP  
2450 COLORADO AVENUE, SUITE 400 E  
SANTA MONICA, CA 90404

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/27/2004

REEL/FRAME: 014904/0842  
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ABRAMOV, OLEG

DOC DATE: 07/08/2004

ASSIGNOR:

ABRAMOV, VLADIMIR

DOC DATE: 07/08/2004

ASSIGNOR:

PECHKOV, ANDREY

DOC DATE: 07/08/2004

ASSIGNOR:

ZOLEZZI-GARRETON, ALFREDO

DOC DATE: 07/08/2004

ASSIGNOR:

FAREDES-ROJAS, LUIS

DOC DATE: 07/08/2004

014904/0842 PAGE 2

ASSIGNEE:

ZOLEZZI-GARRETON, ALFREDO  
1/2 ORIENTE 1050, OFICINA 204  
VIÑA DE MAR, CHILE

ASSIGNEE:

PAREDES-ROJAS, LUIS  
1/2 ORIENTE 1050, OFICINA 204  
VIÑA DE MAR, CHILE

SERIAL NUMBER: 10805117

FILING DATE: 03/19/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: METHOD FOR INTENSIFICATION OF HIGH-VISCOSITY OIL PRODUCTION AND  
APPARATUS FOR ITS IMPLEMENTATION

JEFFREY OLSEN, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

07/27/2004  
500003257

| SUBMISSION TYPE:   | NEW ASSIGNMENT                |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
|--|-------------------------------|---------------|--------------------------|---------------------|-------------------------------|------------------|-------------|----------------|------------|--------------------------|------------|--------------------|------------|
| NATURE OF CONVEYANCE:  | ASSIGNMENT                    |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
| CONVEYING PARTY DATA   |                               |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
| <table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Oleg Abramov</td><td>07/08/2004</td></tr><tr><td>Vladimir Abramov</td><td>07/08/2004</td></tr><tr><td>Andrey Pechkov</td><td>07/08/2004</td></tr><tr><td>Alfredo Zolezzi-Garreton</td><td>07/08/2004</td></tr><tr><td>Luis Paredes-Rojas</td><td>07/08/2004</td></tr></tbody></table> |                               | Name          | Execution Date           | Oleg Abramov        | 07/08/2004                    | Vladimir Abramov | 07/08/2004  | Andrey Pechkov | 07/08/2004 | Alfredo Zolezzi-Garreton | 07/08/2004 | Luis Paredes-Rojas | 07/08/2004 |
| Name   | Execution Date                |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
| Oleg Abramov   | 07/08/2004                    |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
| Vladimir Abramov   | 07/08/2004                    |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
| Andrey Pechkov   | 07/08/2004                    |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
| Alfredo Zolezzi-Garreton   | 07/08/2004                    |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
| Luis Paredes-Rojas   | 07/08/2004                    |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
| RECEIVING PARTY DATA   |                               |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
| <table border="1"><tr><td>Name:</td><td>Alfredo Zolezzi-Garreton</td></tr><tr><td>Street Address:</td><td>1/2 Oriente 1050, Oficina 204</td></tr><tr><td>City:</td><td>Viña de Mar</td></tr><tr><td>State/Country:</td><td>CHILE</td></tr></table>   |                               | Name:         | Alfredo Zolezzi-Garreton | Street Address:     | 1/2 Oriente 1050, Oficina 204 | City:            | Viña de Mar | State/Country: | CHILE      |                          |            |                    |            |
| Name:  | Alfredo Zolezzi-Garreton      |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
| Street Address:  | 1/2 Oriente 1050, Oficina 204 |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
| City:  | Viña de Mar                   |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
| State/Country:   | CHILE                         |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
| <table border="1"><tr><td>Name:</td><td>Luis Paredes-Rojas</td></tr><tr><td>Street Address:</td><td>1/2 Oriente 1050, Oficina 204</td></tr><tr><td>City:</td><td>Viña de Mar</td></tr><tr><td>State/Country:</td><td>CHILE</td></tr></table>   |                               | Name:         | Luis Paredes-Rojas       | Street Address:     | 1/2 Oriente 1050, Oficina 204 | City:            | Viña de Mar | State/Country: | CHILE      |                          |            |                    |            |
| Name:  | Luis Paredes-Rojas            |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
| Street Address:  | 1/2 Oriente 1050, Oficina 204 |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
| City:  | Viña de Mar                   |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
| State/Country:   | CHILE                         |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
| PROPERTY NUMBERS Total: 1  |                               |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10805117</td></tr></tbody></table>   |                               | Property Type | Number                   | Application Number: | 10805117                      |                  |             |                |            |                          |            |                    |            |
| Property Type  | Number                        |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
| Application Number:  | 10805117                      |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
| CORRESPONDENCE DATA  |                               |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
| Fax Number: (310)586-7800  |                               |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>   |                               |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
| Phone: 310 586 7802  |                               |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
| Email: laipmail@gtlaw.com  |                               |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
| Correspondent Name: Greenberg Traurig, LLP   |                               |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
| Address Line 1: 2450 Colorado Avenue, Suite 400 E  |                               |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |
| Address Line 4: Santa Monica, CALIFORNIA 90404   |                               |               |                          |                     |                               |                  |             |                |            |                          |            |                    |            |

CH \$40.00 10805117

NAME OF SUBMITTER:

Enrica Bruno

Total Attachments: 4

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Docket No. 58012-011400

**ASSIGNMENT**

WHEREAS, we, Oleg ABRAMOV, Vladimir ABRAMOV, Andrey PECHKOV, Alfredo ZOLEZZI-GARRETON, and Luis PAREDES-ROJAS, residing at: Leninsky Prospect 92-45, Moscow 119415, Russia, Universitetski Prospect 23-1-16, Moscow 119330, Russia, Ul Profsoyuznaya 44-44-26, Moscow 119337, Russia, 1/2 Oriente 1050, Oficina 204, Viña del Mar, Chile and 1/2 Oriente 1050, Oficina 204, Viña del Mar, Chile, respectively; the undersigned inventors and the ASSIGNORS herein, are inventors of a **METHOD FOR INTENSIFICATION OF HIGH-VISCOSITY OIL PRODUCTION AND APPARATUS FOR ITS IMPLEMENTATION**, for which an application for Letters Patent of the United States was filed on March 19, 2004, as Serial No. 10/805,117, and of which inventions and improvements we are the owners; and

WHEREAS, ASSIGNEES, individuals, Alfredo ZOLEZZI-GARRETON and Luis PAREDES-ROJAS, the ASSIGNEES herein, desires to acquire the entire right, title and interest in and to said inventions, applications and Letters Patent to be granted and issued thereon;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) by the ASSIGNEES to us paid, and other valuable consideration, the receipt and legal sufficiency of all of which is hereby acknowledged, we, the said ASSIGNORS, have sold and do hereby sell, assign, transfer and set over unto said ASSIGNEES, its successors and assigns, the entire right, title and interest in and to said inventions and all improvements thereon, in and to said application for Letters Patent thereon, in and to applications pertaining to or based upon said inventions and applications, including divisional and continuing applications and continuations-in-part, and in and to any and all Letters Patent, reexaminations, reissues, extensions and renewals, which may be granted and issued on said inventions and applications, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment, and together with



any related intellectual property rights such as utility model registrations, inventor's certificates, and the like.

And for the above-named considerations, we do hereby agree that we will, at the request of said ASSIGNEES, execute any and all applications for Letters Patent for said inventions and any and all other papers and documents and do all other and further lawful acts that said ASSIGNEES may deem necessary or desirable to obtain Letters Patent on said inventions, to secure the grant of such Letters Patent and to perfect and vest in the ASSIGNEES the entire right, title and interest in the inventions, applications and Letters Patent.

And for the above-named considerations, we do hereby authorize and empower the ASSIGNEES, its successors and assigns, to apply for and obtain, in its or their own names, Letters Patent for the said inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained, and authorize and request the Director of the United States Patent and Trademark Office and any officials of foreign countries whose duty it is to issue patents or applications, to issue all patents for said inventors to ASSIGNEES in accordance with the forms of this Assignment.

And we hereby further covenant and agree that we will communicate to ASSIGNEES any facts known to us respecting said improvements, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEES to obtain and enforce proper patent protection for said improvements in all countries.

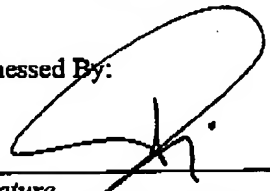
And we hereby authorize the ASSIGNEES to act as our attorney-in-fact and, if necessary to sign any and all documentations for the United States or in any foreign country or jurisdiction which are necessary to ensure the compliance with this Assignment.

Docket No. 58012-011400

And we have read and understand the terms of this document, and execute this document knowingly and freely.


Dated: July, 8, 2004

Witnessed By:

signature   
name: ALFREDO ZOLEZZI  
address: 1/2 ORIENTE 1050  
OF. 204, VINA DEL MAR  
CHILE


Dated: 8. July, 2004

Witnessed By:

signature   
name: LUIS PAREDES  
address: AMUNATEGUI 1946  
C-1401 RECREO  
VINA DEL MAR, CHILE


Dated: 8 July, 2004

Witnessed By:

signature   
name: Abramov O.  
address: Beninski Prospekt, 92, # 45  
Moscow, Russia

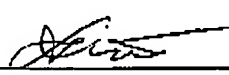
By   
Oleg ABRAMOV

Witnessed By:

signature   
name: PECHKOV Andrey  
address: Pr. Sogzobaga 44-4-26  
Moscow 119 337, Russia


By   
Vladimir ABRAMOV

Witnessed By:

signature   
name: PECHKOV Andrey  
address: Pr. Sogzobaga 44-4-26  
Moscow 119 337, Russia

By   
Andrey PECHKOV

Witnessed By:

signature   
name: ALFREDO ZOLEZZI  
address: 1/2 ORIENTE 1050 OF. 204  
VINA DEL MAR, CHILE


Docket No. 58012-011400


Dated: 08, July 2004

By   
Alfredo ZOLEZZI-GARRETON

Witnessed By:

Witnessed By:

  
signature  
name: Abramov Vladimir  
address: MOSCOW, Russia  
Universitetskii 23-1-16


  
signature  
name: Abramov O.  
address: Leninski Prospekt 32, #45  
Moscow, Russia


Dated: 08, July 2004

By   
Luis PAREDES-ROJAS

Witnessed By:

Witnessed By:

  
signature  
name: Abramov Vladimir  
address: MOSCOW, Russia  
Universitetskii 23-1-16

  
signature  
name: Abramov O.  
address: Leninski Prospekt, 32, #45  
Moscow, Russia.



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Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
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Washington, D.C. 20231



\*500004672A\*

AUGUST 17, 2004

PTAS

CHARLES BERMAN  
GREENBERG TRAURIG, LLP  
2450 COLORADO AVENUE, SUITE 400 E  
SANTA MONICA, CA 90404

UNITED STATES PATENT AND TRADEMARK OFFICE  
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RECORDATION DATE: 08/17/2004

REEL/FRAME: 014996/0392  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
PAREDES-ROJAS, LUIS

DOC DATE: 08/17/2004

ASSIGNOR:  
ZOLEZZI-GARRETON, ALFREDO

DOC DATE: 08/17/2004

ASSIGNEE:  
SAARLAND CORPORATION  
P.O. BOX 662, ROAD TOWN  
TORTOLA, BR.VIRGIN ISLANDS

SERIAL NUMBER: 10805117  
PATENT NUMBER:

FILING DATE: 03/19/2004  
ISSUE DATE:

TITLE: METHOD FOR INTENSIFICATION OF HIGH-VISCOSITY OIL PRODUCTION AND APPARATUS FOR ITS IMPLEMENTATION

01-28-05 03:26pm From-Greenberg

+3105867940

T-634 P.013/018 F-197

014996/0392 PAGE 2

PAULA MCCRAY, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

08/17/2004  
500004672

| SUBMISSION TYPE:   | NEW ASSIGNMENT          |               |                      |                     |                         |                          |            |                |                         |
|--|-------------------------|---------------|----------------------|---------------------|-------------------------|--------------------------|------------|----------------|-------------------------|
| NATURE OF CONVEYANCE:  | ASSIGNMENT              |               |                      |                     |                         |                          |            |                |                         |
| CONVEYING PARTY DATA   |                         |               |                      |                     |                         |                          |            |                |                         |
| <table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Luis Parades-Rojas</td><td>08/17/2004</td></tr><tr><td>Alfredo Zolezzi-Garreton</td><td>08/17/2004</td></tr></tbody></table>                              |                         | Name          | Execution Date       | Luis Parades-Rojas  | 08/17/2004              | Alfredo Zolezzi-Garreton | 08/17/2004 |                |                         |
| Name   | Execution Date          |               |                      |                     |                         |                          |            |                |                         |
| Luis Parades-Rojas   | 08/17/2004              |               |                      |                     |                         |                          |            |                |                         |
| Alfredo Zolezzi-Garreton   | 08/17/2004              |               |                      |                     |                         |                          |            |                |                         |
| RECEIVING PARTY DATA   |                         |               |                      |                     |                         |                          |            |                |                         |
| <table border="1"><tr><td>Name:</td><td>Saarlund Corporation</td></tr><tr><td>Street Address:</td><td>P.O. Box 662, Road Town</td></tr><tr><td>City:</td><td>Tortola</td></tr><tr><td>State/Country:</td><td>VIRGIN ISLANDS, BRITISH</td></tr></table> |                         | Name:         | Saarlund Corporation | Street Address:     | P.O. Box 662, Road Town | City:                    | Tortola    | State/Country: | VIRGIN ISLANDS, BRITISH |
| Name:  | Saarlund Corporation    |               |                      |                     |                         |                          |            |                |                         |
| Street Address:  | P.O. Box 662, Road Town |               |                      |                     |                         |                          |            |                |                         |
| City:  | Tortola                 |               |                      |                     |                         |                          |            |                |                         |
| State/Country:   | VIRGIN ISLANDS, BRITISH |               |                      |                     |                         |                          |            |                |                         |
| PROPERTY NUMBERS Total: 1  |                         |               |                      |                     |                         |                          |            |                |                         |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10805117</td></tr></tbody></table>   |                         | Property Type | Number               | Application Number: | 10805117                |                          |            |                |                         |
| Property Type  | Number                  |               |                      |                     |                         |                          |            |                |                         |
| Application Number:  | 10805117                |               |                      |                     |                         |                          |            |                |                         |
| CORRESPONDENCE DATA  |                         |               |                      |                     |                         |                          |            |                |                         |
| Fax Number: (310)586-7800<br><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>  |                         |               |                      |                     |                         |                          |            |                |                         |
| Email: laipmail@gtlaw.com  |                         |               |                      |                     |                         |                          |            |                |                         |
| Correspondent Name: Charles Berman   |                         |               |                      |                     |                         |                          |            |                |                         |
| Address Line 1: Greenberg Traurig, LLP   |                         |               |                      |                     |                         |                          |            |                |                         |
| Address Line 2: 2450 Colorado Avenue, Suite 400 E  |                         |               |                      |                     |                         |                          |            |                |                         |
| Address Line 4: Santa Monica, CALIFORNIA 90404   |                         |               |                      |                     |                         |                          |            |                |                         |
| NAME OF SUBMITTER:   | Charles Berman          |               |                      |                     |                         |                          |            |                |                         |
| Total Attachments: 1<br>source=hgr43300#page1.tif  |                         |               |                      |                     |                         |                          |            |                |                         |

CH \$40.00 10805117

# ASSIGNMENT

WHEREAS, we, Luis PAREDES-ROJAS, a citizen of Chile, and Alfredo ZOLEZZI-GARRETON, a citizen of Chile, the undersigned ASSIGNORS herein, have been assigned in its entirety the application entitled Method of Intensification of High-Viscosity Oil Production and Apparatus For Its Implementation filed March 19, 2004 with Application No. 10/805,117, recorded at the U.S. Patent and Trademark Office on July 27, 2004 on Reel 014904, Frame 0842, of which inventions and improvements we are the joint owners, and;

WHEREAS, Saarlund Corporation., is a corporation organized and existing under the laws of the British Virgin Islands, having a place of business at P.O. Box 662, Road Town, Tortola, British Virgin Islands, the ASSIGNEE herein, desires to acquire the entire right, title and interest in and to said inventions, applications and Letters Patent to be granted and issued thereon;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) by the ASSIGNEE to each of us paid, and other valuable consideration, the receipt and legal sufficiency of all of which we acknowledge, we, the ASSIGNORS, have sold and do hereby sell, assign, transfer and set over unto the ASSIGNEE, its successors and assigns, the entire right, title and interest:

in and to the inventions and all improvements thereon,

in and to the application for letters patent thereon,

in and to applications pertaining to or based upon the inventions and applications, including divisional and continuing applications and continuations-in-part,

in and to any and all letters patent which may be granted and issued on the inventions and applications, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all foreign countries, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment, and

in and to any right to sue for past infringement of the inventions, improvements, applications and letters patent.

And for the above-named considerations, we do hereby agree that we will, at the request of said ASSIGNEE, execute any and all applications for Letters Patent for said inventions and any and all other papers and documents and do all other and further lawful acts that said ASSIGNEE may deem necessary or desirable to obtain Letters Patent on said inventions, to secure the grant of such Letters Patent and to perfect and vest in the ASSIGNEE the entire right, title and interest in the inventions, applications and Letters Patent.

And for the above-named considerations, we do hereby authorize and empower the ASSIGNEE, its successors and assigns, to apply for and obtain, in its or their own names, Letters Patent for the said inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

And we hereby further covenant and agree that we will communicate to ASSIGNEE any facts known to us respecting said improvements, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

And we hereby authorize the ASSIGNEE to act as our attorney-in-fact and, if necessary to sign any and all documentations for the United States or in any foreign country or jurisdiction which are necessary to ensure the compliance with this Assignment.

And we have read and understand the terms of this document, and execute this document knowingly and freely.

Dated: AUGUST, 17, 2004

By Luis Paredes-Rojas  
Luis PAREDES-ROJAS

Dated: AUGUST 17, 2004

By Alfredo Zolezzi-Garretón  
Alfredo ZOLEZZI-GARRETON

Witnessed By:

Witnessed By:

signature

name:

address:

Carlos Rosales C.  
Signature 1943 D.205  
Vina del Mar

signature

name:

address:

Cristian Fuentes V.  
Echeveres 550 D.O.I.  
Vina del Mar - Chile



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231



\*5000060854\*

AUGUST 23, 2004

PTAS

CHARLES BERMAN  
GREENBERG TRAURIG, LLP  
2450 COLORADO AVENUE, SUITE 400 E  
SANTA MONICA, CA 90404

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/20/2004

REEL/FRAME: 015016/0782  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SAARLAND CORPORATION

DOC DATE: 08/20/2004

ASSIGNEE:

ESCANABA HOLDINGS, INC.  
P.O. BOX 662, ROAD TOWN  
TORTOLA, BR.VIRGIN ISLANDS

SERIAL NUMBER: 10805117

FILING DATE: 03/19/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: METHOD FOR INTENSIFICATION OF HIGH-VISCOSITY OIL PRODUCTION AND APPARATUS FOR ITS IMPLEMENTATION



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+3105867940

T-634 P.017/019 F-197

015016/0782 PAGE 2

MARY BENTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

08/20/2004  
500005085

|  |                                   |
|--|-----------------------------------|
| SUBMISSION TYPE:   | NEW ASSIGNMENT                    |
| NATURE OF CONVEYANCE:  | ASSIGNMENT                        |
| CONVEYING PARTY DATA   |                                   |
| Name   | Execution Date                    |
| Saarlund Corporation   | 08/20/2004                        |
| RECEIVING PARTY DATA   |                                   |
| Name:  | Escanaba Holdings, Inc.           |
| Street Address:  | P.O. Box 662, Road Town           |
| City:  | Tortola                           |
| State/Country:   | VIRGIN ISLANDS, BRITISH           |
| PROPERTY NUMBERS Total: 1  |                                   |
| Property Type  | Number                            |
| Application Number:  | 10805117                          |
| CORRESPONDENCE DATA  |                                   |
| Fax Number:  | (310)586-7800                     |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> |                                   |
| Email:   | laipmail@gtlaw.com                |
| Correspondent Name:  | Charles Berman                    |
| Address Line 1:  | Greenberg Traurig, LLP            |
| Address Line 2:  | 2450 Colorado Avenue, Suite 400 E |
| Address Line 4:  | Santa Monica, CALIFORNIA 90404    |
| NAME OF SUBMITTER:   | Charles Berman                    |
| Total Attachments: 1<br>source=hjx06000#page1.tif                                    |                                   |

CH \$40.00 10805117

**ASSIGNMENT**

WHEREAS, we, the Saarland Corporation, a corporation organized and existing under the laws of the British Virgin Islands, the undersigned ASSIGNOR herein, have been assigned in its entirety the application entitled Method of Intensification of High-Viscosity Oil Production and Apparatus For Its Implementation filed March 19, 2004 with Application No. 10/805,117, of which inventions and improvements we are the owners of the entire rights, title and interest, and;

WHEREAS, Eecanaba Holdings, Inc., is a corporation organized and existing under the laws of the British Virgin Islands, having a place of business at P.O. Box 662, Road Town, Tortola, British Virgin Islands, the ASSIGNEE herein, desires to acquire the entire right, title and interest in and to said inventions, applications and Letters Patent to be granted and issued thereon;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) by the ASSIGNEE to each of us paid, and other valuable consideration, the receipt and legal sufficiency of all of which we acknowledge, we, the ASSIGNOR, have sold and do hereby sell, assign, transfer and set over unto the ASSIGNEE, its successors and assigns, the entire right, title and interest:

in and to the inventions and all improvements thereon,

in and to the application for Letters Patent thereon,

in and to applications pertaining to or based upon the inventions and applications, including divisional and continuing applications and continuations-in-part,

in and to any and all letters patent which may be granted and issued on the inventions and applications, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all foreign countries, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment, and

in and to any right to sue for past infringement of the inventions, improvements, applications and letters patent.

And for the above-named considerations, we do hereby agree that we will, at the request of said ASSIGNEE, execute any and all applications for Letters Patent for said inventions and any and all other papers and documents and do all other and further lawful acts that said ASSIGNEE may deem necessary or desirable to obtain Letters Patent on said inventions, to secure the grant of such Letters Patent and to perfect and vest in the ASSIGNEE the entire right, title and interest in the inventions, applications and Letters Patent.

And for the above-named considerations, we do hereby authorize and empower the ASSIGNEE, its successors and assigns, to apply for and obtain, in its or their own names, Letters Patent for the said inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

And we hereby further covenant and agree that we will communicate to ASSIGNEE any facts known to us respecting said improvements, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

And we hereby authorize the ASSIGNEE to act as our attorney-in-fact and, if necessary to sign any and all documentations for the United States or in any foreign country or jurisdiction which are necessary to ensure the compliance with this Assignment.

And we have read and understand the terms of this document, and execute this document knowingly and freely.

Dated: AUGUST 20<sup>th</sup>, 2004

Witnessed By:

signature

name:

address:

JOSE FELIPE AVALILERA  
DANUBIO 206, Piso 7  
SANTIAGO, CHILE

By

Name:

Title:

Saarland Corporation

ALFREDO ZOLEZZI  
DIRECTOR

Witnessed By:

signature

name:

address:

LUIS PAREDES  
AMUNATEGUI 1946 C-1401  
RECREO, VINA DEL MAR, CHILE